

03-08-01

03/07/01  
1057 U.S. PTO

EXPRESS MAIL CERTIFICATE

Date 3/7/01 Label No. EL706723006 US

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

A. DiLullo A. DiLullo  
Name (Print) Signature

PLEASE CHARGE ANY DEFICIENCY UP TO \$300.00 OR CREDIT ANY EXCESS IN THE FEES DUE WITH THIS DOCUMENT TO OUR DEPOSIT ACCOUNT NO. 04-0100

11033 U.S. PTO  
09/801302  
03/07/01



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PATENT TRADEMARK OFFICE

**DARBY & DARBY P.C.**

805 Third Avenue  
New York, New York 10022  
212-527-7700

Docket No: 2427/1G685US1

2427/1G685US1

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Enclosed please find an application for United States patent as identified below:

Inventor/s (name ALL inventors): Patrick F. Kelly  
Cordova, TN

Elio F. Vanin  
Memphis, TN

Title: HIGH EFFICIENT GENE TRANSFER INTO HUMAN REPOPULATION STEM CELLS BY RD114 PSEUDOTYPED RETROVIRAL VECTOR PARTICLES

including the items indicated:

1. Specification and 37 claims: 5 indep.; 32 dep.; \_ multiple dep.; including 46 page(s) of written description; 5 page(s) of claims; 1 page(s) of abstract.
2. ☐ Drawings, \_ sheets
3. ☐ Executed Declaration/Power of Attorney  
☒ Unexecuted Declaration/Power of Attorney

4. ☐ Application Data Sheet under 37 C.F.R. §1.76.

5. ☐ Assignment for recording to: St. Jude Children's Research Hospital

☐ Assignment was recorded at Reel No. , Frame No. , on .

☒ Pursuant to 37 C.F.R. §1.215(b), please print the following assignment information on the face of the published application:

Assignee: St. Jude Children's Research Hospital

6. ☒ The applicant claims small entity status.

7. ☐ Priority is claimed under 35 U.S.C. §119(b) of:

Country:

Number:

Date:

A certified copy of the prior document ☐ is enclosed ☐ will follow  
☐ was filed in a previous application.

8. ☐ Request and Certification under 35 U.S.C. §122(b)(2)(B)(i) for Nonpublication.

9. ☒ Payment in amount of \$588.00, (\$588.00 filing; \$ recording)  
in the form of  
☒ check  
☐ deposit account no. 04-0100  
☐ credit card (see attached form)  
(See attached **Fee Computation Sheet**)

10. ☐ Preliminary Amendment

11. ☐ Information Disclosure Statement

The PTO did not receive the following  
listed item(s) a check for \$588.00

12. ☐ Nucleotide or Amino Acid Sequence Listing.

☐ Hard Copy

☐ CRF

Date: March 7, 2001

Respectfully submitted,



Paul F. Fehlner, Ph.D.

Reg. No. 35,135

Attorney for Applicant(s)

RECEIVED

Serial No.

PATENT FEE COMPUTATION SHEET

	No. of Claims Presented	Extra Claims Previously Paid For	Number of Extra Claims	Rate
Basic Fee . . . . .				\$710.00
Total Claims	37 - 20	- 0 = 17	x \$18.00	\$306.00
Independent Claims	5 - 3	- 0 = 2	x \$80.00	\$160.00
Multiple Dependent Claims		- if so, add	\$270.00	\$0.00
Surcharge for late submission of filing fee and/or declaration (\$130.00)				\$0.00
<b>SUBTOTAL</b> . . . . .				\$1176.00
<input checked="" type="checkbox"/> Small Entity REDUCTION (Half of Subtotal) . . . . .				\$588.00
Fee for recordation of assignment (\$40.00) . . . . .				\$0.00
Charge for filing non-English language application (\$130.00) . . . . .				\$0.00
<b>TOTAL</b> . . . . .				\$588.00